

CLAIMS

1. A floorboard (1) for making a resilient floor by
5 joining to at least one neighbouring, substantially identical floorboard (1'), so that joined upper neighbouring parts (7, 7') of the edge portions of the floorboards (1, 1') together define a joint plane (F), perpendicular to the main plane (P) of the joined floorboards, c h a r -
10 a c t e r i s e d by a resilient base (10) which is arranged on the underside of the floorboard (1, 1') and which extends beyond said joint plane (F),

a supporting layer (11) which is arranged between the underside of the floorboard (1) and the resilient
15 base (10), and

a locking system, which is arranged along at least two parallel edges (25a, 25b; 26a, 26b) of the floorboard (1) and integrated with the floorboard, for mechanical joining, vertically (D1) and horizontally (D2), of the
20 floorboard (1) to the neighbouring, substantially identical floorboard (1').

2. A floorboard as claimed in claim 1, c h a r -
a c t e r i s e d in that the resilient base is arranged so that, with the floorboards in a joined state, it
25 extends at least partly under the neighbouring, substantially identical floorboard (1').

3. A floorboard as claimed in claim 1 or 2, c h a r a c t e r i s e d in that the resilient base (10) is made of an elastic material.

30 4. A floorboard as claimed in claim 3, c h a r -
a c t e r i s e d in that said elastic material comprises expanded rubber or cellular plastic.

5. A floorboard as claimed in any one of the preceding claims, c h a r a c t e r i s e d in that the supporting layer (11) has a horizontal (D2) extent which is
35 at least as great as a horizontal (D2) extent of the resilient base (10).

6. A floorboard as claimed in any one of the preceding claims, characterised in that the horizontal (D2) extent of the supporting layer is smaller than a horizontal (D2) extent of the floorboard (1).

5 7. A floorboard as claimed in claim 6, characterised in that the horizontal (D2) extent of the supporting layer is less than half the horizontal (D2) extent of the floorboard.

10 8. A floorboard as claimed in any one of the preceding claims, characterised in that the supporting layer (11) has a greater modulus of elasticity than the resilient base (10).

15 9. A floorboard as claimed in any one of the preceding claims, characterised in that the supporting layer (11) consists of MDF, HDF, plywood, particle board, wood material, plastic material or metal.

20 10. A floorboard as claimed in any one of the preceding claims, characterised in that the resilient base (10) extends beyond an outer part (L2) of the locking system of the floorboard (1).

25 11. A floorboard as claimed in any one of the preceding claims, characterised in that the long sides (25a, 25b) of the floorboard and the short sides (26a, 26b) of the floorboard are provided with respectively first and second mechanical locking systems integrated with the floorboard (1), for mechanical joining, vertically (D1) and horizontally (D2), of the floorboard (1) to neighbouring, substantially identical floorboards (1'), so that joined upper neighbouring parts (7, 7') of
30 the edge portions of the long sides (25a, 25b) and short sides (26a, 26b), respectively, together define first and second joint planes (F1, F2) which are perpendicular to the main plane (P) of the joined floorboards, the resilient base at the edge portion (26a) of a short side and
35 the edge portion (25a) of a long side extending beyond the respective joint planes (F1, F2).

12. A floorboard as claimed in claim 10, c h a r -
a c t e r i s e d in that the resilient base (10) at the
edge portion (26a) of the short side extends further
beyond the first joint plane (F1) than beyond the second
5 joint plane (F2) at the edge portion of the long side
(25a).

13. A flooring for resilient floors, c h a r a c -
t e r i s e d in that it comprises floorboards (1, 1')
according to any one of the preceding claims.

10 14. A kit of parts for making a resilient floor,
c h a r a c t e r i s e d by

a floorboard (1) for joining to a neighbouring,
substantially identical floorboard (1'), so that joined
upper neighbouring parts (7, 7') of the edge portions
15 of the floorboards (1, 1') together define a joint plane
(F), which is perpendicular to the main plane (P) of the
joined floorboards,

a resilient base (10), which in terms of shape and
size is adapted to be arranged on the underside of the
20 floorboard (1), so that the resilient base (10) extends
beyond said joint plane (F), and

a supporting layer (11), which in terms of size and
shape is adapted to be arranged between said floorboard
(1) and said resilient base (10),

25 the floorboard (1) along at least two parallel edges
being provided with a locking system integrated with the
floorboard, for mechanical joining, vertically (D1) and
horizontally (D2), of the floorboard (1) to the neigh-
bouring, substantially identical floorboard (1').

30 15. A kit of parts as claimed in claim 14,
c h a r a c t e r i s e d in that the resilient base (10)
is provided with fastening means to be arranged on the
underside of the floorboard (1).

35 16. A kit of parts as claimed in claim 16,
c h a r a c t e r i s e d in that the underside of the
floorboard (1) is provided with fastening means for
arranging the resilient base (10).

17. A kit of parts as claimed in any one of claims 14-16, characterised in that the supporting layer (11) is provided with fastening means to be arranged between said floorboard (1) and said resilient base (10).

18. A kit of parts as claimed in any one of claims 14-17, characterised in that said resilient base (10) has a first horizontal extent which is substantially equal to a length of a first edge (25a, 25b) of the floorboard, and a second horizontal extent which is less than half a length of a second edge (26a, 26b) of the floorboard (1).

19. A method for making a resilient floor by joining a floorboard (1) to a neighbouring, substantially identical floorboard (1'), so that joined upper neighbouring parts (7, 7') of the edge portions on the floorboards (1, 1') together define a joint plane (F), which is perpendicular to the main plane (P) of the joined floorboards, characterised by joining the floorboards (1, 1') so that a resilient base (10) and a supporting layer (11), which are arranged on the underside of the floorboard (1), extend beyond said joint plane (F),

said joining comprising mechanical joining, vertically (D1) and horizontally (D2), of the floorboard (1) to the neighbouring, substantially identical floorboard (1').

20. A method for manufacturing a floorboard (1) for making a resilient floor, characterised by providing a floorboard, which is designed for joining to a neighbouring, substantially identical floorboard (1'), so that joined upper neighbouring parts (7, 7') of the edge portions of the floorboards (1, 1') together define a joint plane (F), which is perpendicular to the main plane (P) of the joined floorboards, arranging on the underside of the floorboard (1) a resilient base (10), which extends beyond said joint plane (F),

arranging a supporting layer (11) between said floorboard (1) and said resilient base (10), and

5 arranging along at least two parallel edges of the floorboard a locking system integrated with the floorboard, for mechanical joining, vertically (D1) and horizontally (D2), of the floorboard (1) to the neighbouring, substantially identical floorboard (1').